

Application, No. 09/980,586
Supplemental Reply to Restriction Requirement mailed May 29, 2003

Amendments to the Specification:

Please replace the paragraph beginning at page 14, line 14 with the following replacement paragraph.

Optionally, the compositions may contain a surfactant or detergent such as polysorbate (e.g. TWEENTween® or 4-(1,1,4,4-tetramethylbutyl) phenyoxypolyethoxyethanols (TRITONTween®), or polymers of polyethylenepolypropylene glycols (PLURONICSPluronics®). The surfactant ranges from about 0.005 to 1%, with about 0.02 to 0.75% preferred. A preferred polysorbate is PS-80, which is commercially available as TWEENTween® 80.

Please replace the paragraph beginning at page 16, line 40 with the following replacement paragraph.

PS80 polysorbate 80 or TWEENTween 80® copolymer of polysorbate and ethylene oxide; Merck Index monograph no. 7559 (11th Ed.)

Please replace the paragraph beginning at page 16, line 42 with the following replacement paragraph.

QS 21 triterpene glycoside or saponin isolated from the bark of the Quillaja Saponaria Molina tree of South America (see Kensil et al., in Vaccine Design: The Subunit and Adjuvant Approach (eds. Powell & Newman, Plenum Press, NY, 1995); US Pat. No. 5,057,540). (STIMULON Stimulon QS-21)

Please replace the paragraph beginning at page 17, line 26 with the following replacement paragraph.

In all filtration applications, the permeability of a filter medium can be affected by the chemical, molecular or electrostatic properties of the filtrate, however it has been found that the hydrophilic microfilters used in the present invention are stable to the high or, conversly, low pH environment depending on the method employed and reliably remove undesired particulate

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matter without clogging. It is within the skill level of the ordinary skilled artisan to be able to select and use hydrophilic microfilters. Commercially available product specifications or ~~websites~~ websites, such as the Millipore website, ~~http://millipider.millipore.com/corporate/sitemap.asp/catalogs~~ (as of May 1999) enable the selection of filters having the desired characteristics.

Please replace the paragraph beginning at page 18, line 1 with the following replacement paragraph.

Examples of preferred hydrophilic filters operative in the present invention are Millipore DURAPORE ~~Durapore~~®, also called MILLEX GV ~~Millex GV~~, (Millipore Corporation, headquartered in Bedford, MA), a polyvinylidene fluoride hydrophilic polymer having good stability and low protein binding characteristics and a 0.22 µm pore diameter; MILLEX GN ~~Millex GN~~, a hydrophilic nylon material having a 0.2 µm pore size; and MILLEX GP ~~Millex GP~~, a hydrophilic surface modified polyethersulfone polymer of pore size 0.22 µm. More preferred is the DURAPORE ~~Durapore~~ filter owing to its stability at pH 9-9.5.